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AUTH NAME	AUTHOR AFFILIATION	* 111
TOOKER, D.W.	Iowa Electric Light & Power Co.	
RECIP.NAME	RECIPIENT AFFILIATION	
	Region 3, Chicago, Office of the Director	

SUBJECT: LER 80=028/01T=0:on 800712, during IE Bulletin 80=17 reactor scram testing, scram discharge vol drain valve CV=1867 would not seal against reactor pressure.Caused by installation problem.Valve was reoriented in accordance w/plant design.

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NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7-77), : LICENSEE EVENT REPORT CONTROL BLOCK:  $\mathbf{J}(\mathbf{0})$ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 20 0 0 - 0 0 0 0 0 - 0 0 0 4 1 1 1 1 0 0 IADACI لي لي LICENSEE CODE CONT REPORT 0 0 0 3 3 1 0 0 7 1 2 8 0 3 0 7 2 DOCKET NUMBER 69 69 EVENT DATE 74 75 REPORT 8 0 9 0 1 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) [On July 12, 1980 during the IE Bulletin 80-17 reactor scram testing, it 0 2 was determined that the scram discharge volume drain valve CV-1867 would 013 inot seal against reactor pressure. This condition created the potential 04 for excessive leakage to the closed radwaste sump system until the scra 0 5 Im is reset. Manual operator on the valve provided backup isolation capa 0 6 Reference Technical Specification 3.6.G. No similar event repo 0 7 Ibility. ola ints have been submitted. CAUSE CODE SYSTEM CDMP CAUSE VALVE SUBCODE SUBCODE COMPONENT CODE SUBCODE  $R \mid B \mid (11)$ P | (16) B (12) V A L V E X (14) F | (15 0 9 13 18 OCCURRENCE REPORT REVISION SEQUENTIAL CODE EVENT YEAR REPORT NO. TYPE NO. LER/RO (17) REPORT 0 2 8 0 1 T 0 8 0 NUMBER 29 32 NPRO-PRIME COMP. COMPONENT ACTION FUTURE ATTACHMENT EFFECT SHUTDOWN HOURS (22) METHOD SUBMITTED FORM SUS SUPPLIER MANUFACTURE N 24 N 25 B 2 91 000000<u>Z</u> (21) Y (2) 5 <u>X (18)</u> <u>Z</u> (19) ](20) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27 Investigation revealed the Black, Sivalls, and Bry [1]0] [Installation\_problem. Ison Inc. 2 inch air operated globe valve had been installed backwards du Iring plant construction. The valve was re-oriented in accordance with pl 1 2 The SDV was hydrotested and new welds were liquid lant design documents. 111 Lpenetrant examined. No further corrective action is planned 4 80 Э METHOD OF FACILIT OTHER STATUS (30) DISCOVERY DESCRIPTION (32 STATUS S POWER 0 29 SPECIA TESTING C [3] Bulletin 80related scram tests X (28) LO 0 ACTIVITY CONTENT 80 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE (36) RELEASED\_OF RELEASE Z 33 Z 34 NA 6 NA 10 11 \*ERSONNEL EXPOSURES 20 NUMBER TYPE DESCRIPTION 0 0 3) Z 3 NA 7 01 PERSONNEL INJURIES 80 DESCRIPTION (41) NUMBER 0 0 (40) NA 1 3 11 12 80 LOSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION TYPE 8008040170 ZI 🖸 1 9 :NA 10 PUBLICITY NRC USE ONLY DESCRIPTION 45 Y 44 July 14 News release to local radio, TV, and newspapers 2 0 68 69 80 D. W. Tooker 319-851-5611 NAME OF PREPARER. PHONE:

DUANE ARNOLD ENERGY CENTER Iowa Electric Light and Power Company Licensee Event Report - Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 7-25-80

Reportable Occurrence No: 80-028

On July 12, 1980 during the IE Bulletin No. 80-17 related reactor scram testing, it was determined that the scram discharge volume (SDV) drain valve CV-1867 would not seal against reactor pressure. This condition created the potential for excessive leakage to the closed radwaste sump system until the scram is reset. Manual operator on the valve provided backup isolation capability. The drain valve is a Black, Sivalls, and Bryson, Inc., 2 inch, air opened spring and flow assisted closed globe valve. Reference Technical Specification 3.6.6 No similar event reports have been submitted.

## Cause Description

Installation problem. Subsequent investigation revealed that the drain valve had been installed backwards during plant construction.

Corrective Action

The drain valve was removed from the drain line and re-oriented in accordance with plant design documents while the plant was in a cold shutdown condition on July 16, 1980. Subsequently the SDV was hydrotested at 1500 psig. The new welds were liquid penetrant examined satisfactorily. The drain valve CV-1867 was functionally tested at 1000 psig satisfactorily. No further corrective action is planned at this time.

To Take

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